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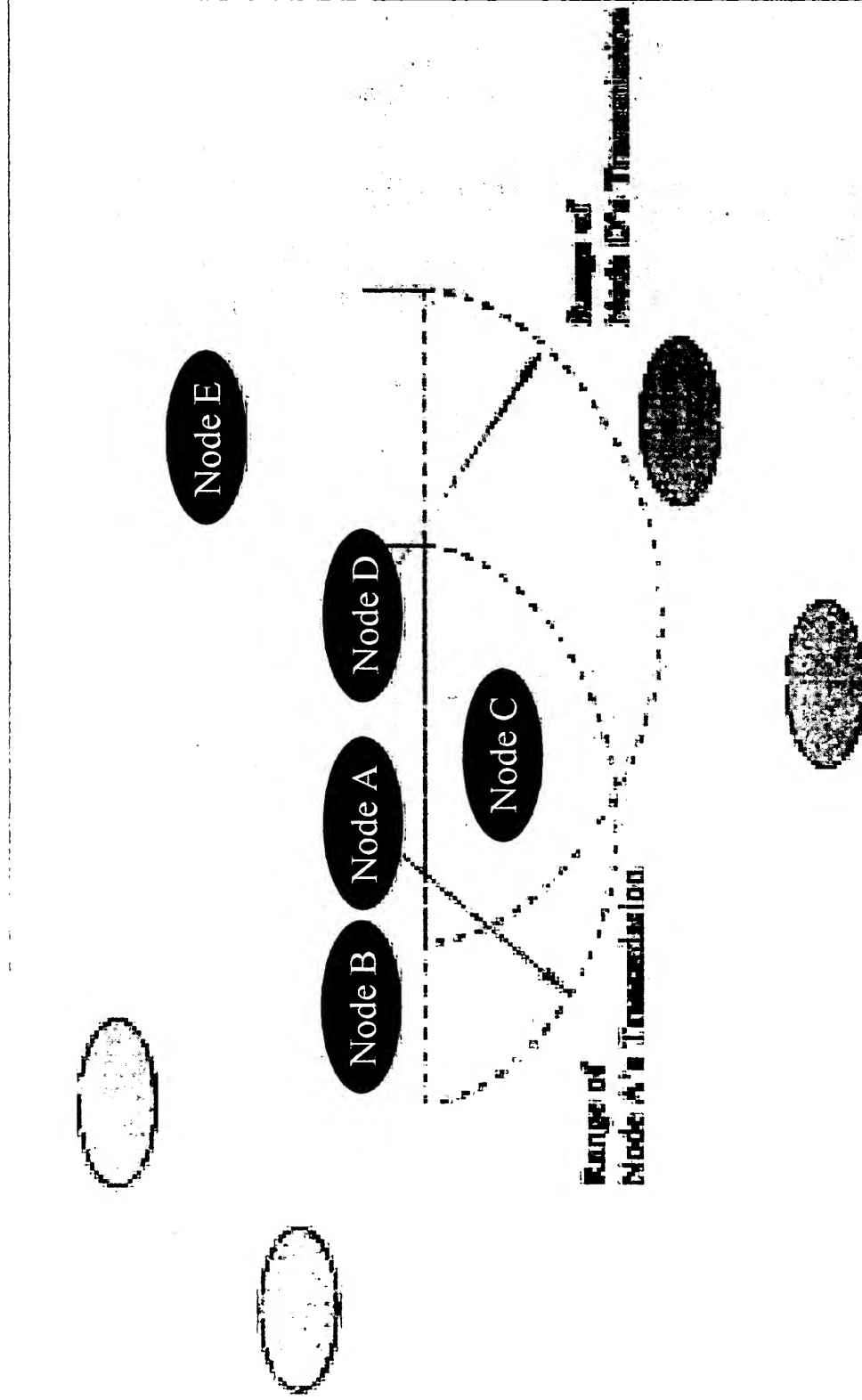


FIG. 1

Node ID	Neighbor ID	Transmit Power Level
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FIG. 2: Signaling Packet Format

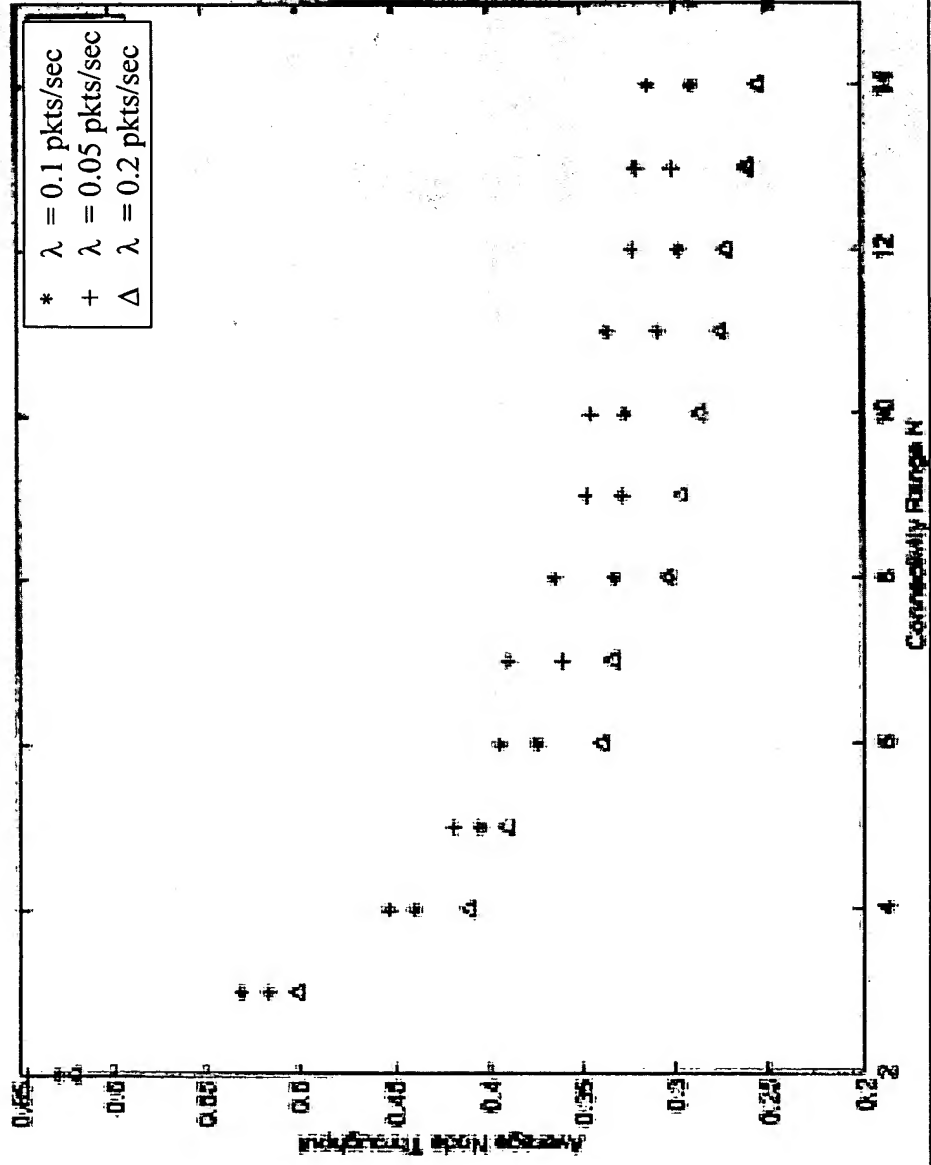
Source ID	Destination ID	Current Node ID
Next Node ID	# of Re-Transmissions	Payload

FIG 3: Data Packet Format

Node ID	Neighbor ID	Transmit Power Level
A	B	P_1
A	C	P_1
A	D	P_1
B	A	P_2
B	C	P_2
B	E	P_2

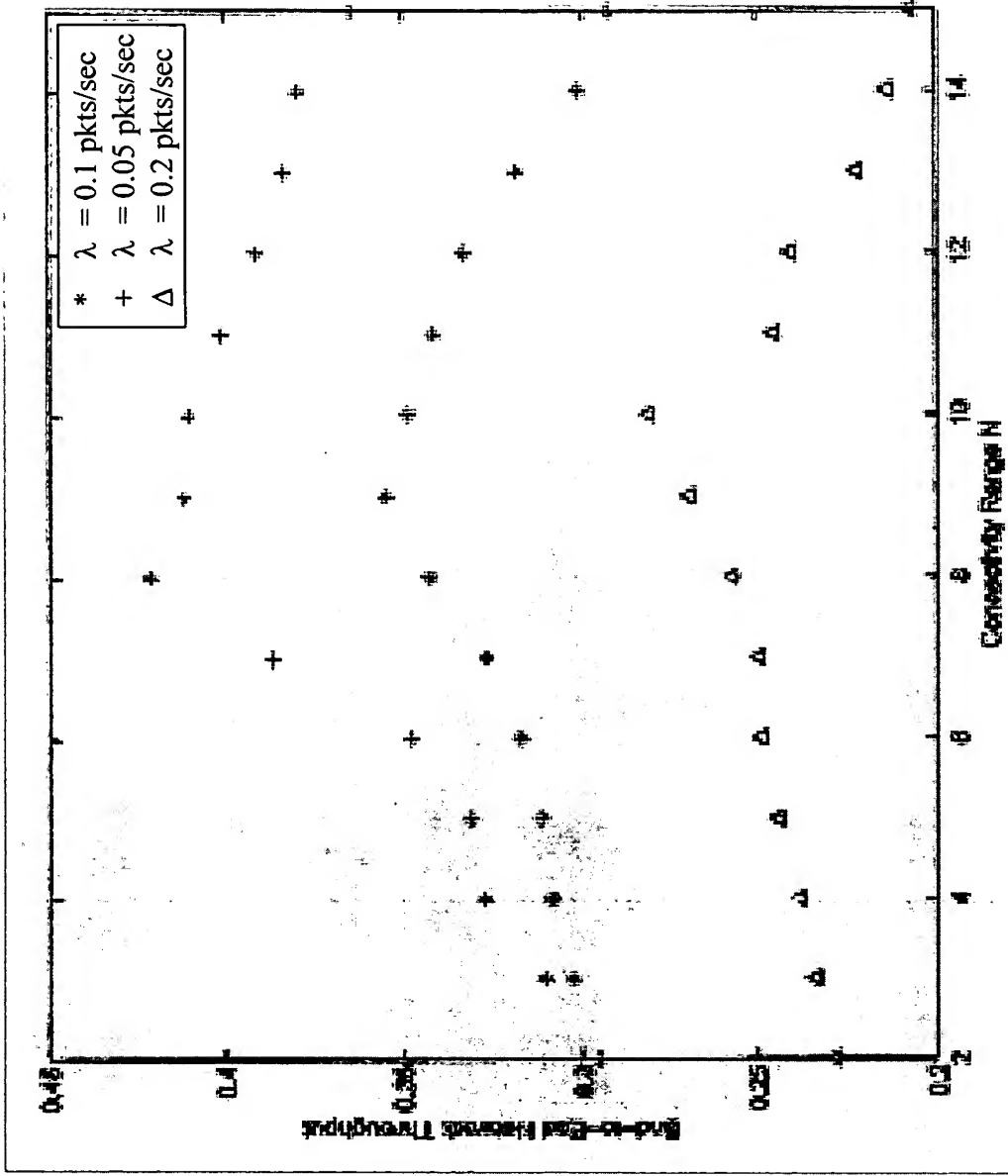
Connectivity Table Format

FIG 4



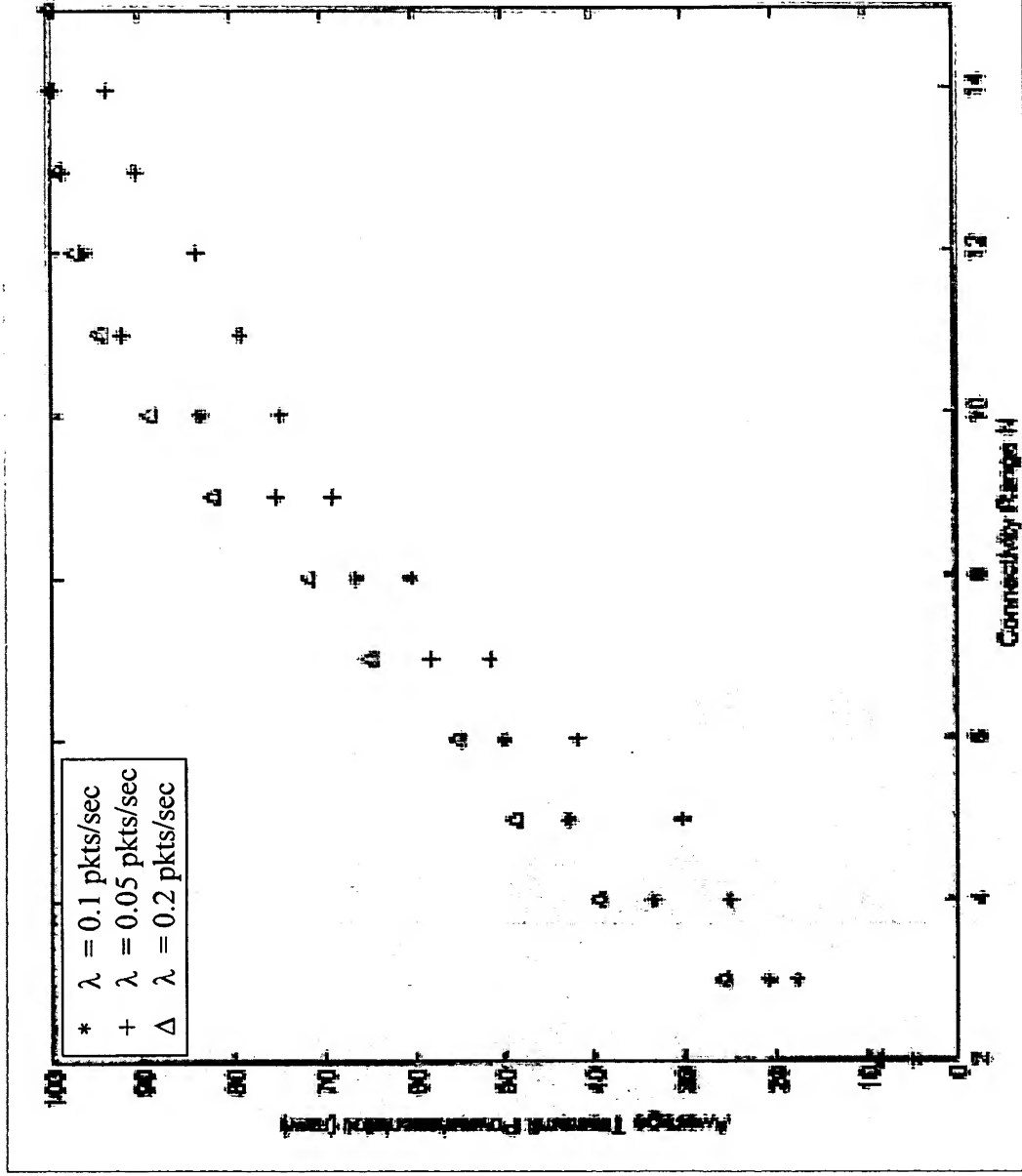
Average Node Throughput v. Connectivity Range N

FIG 5



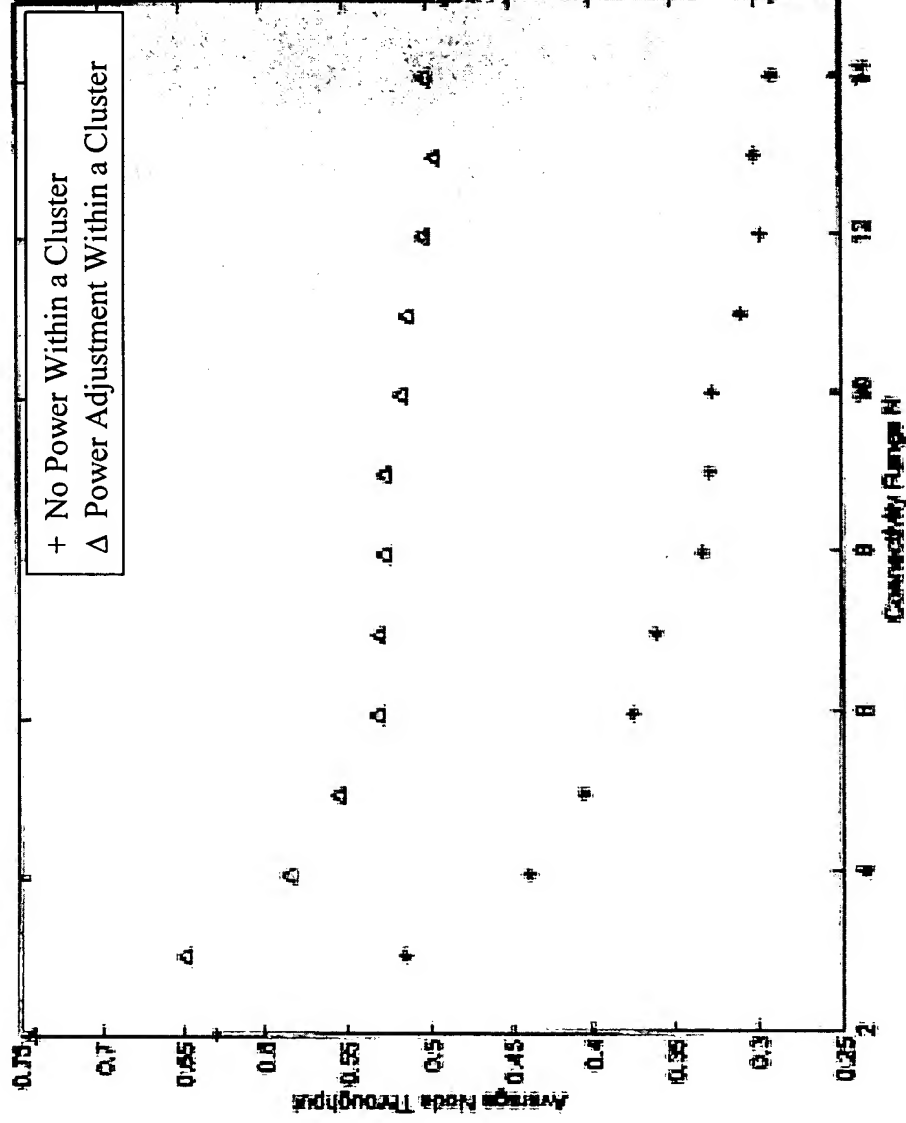
End-to-End Network Throughput v. Connectivity Range N

FIG 6



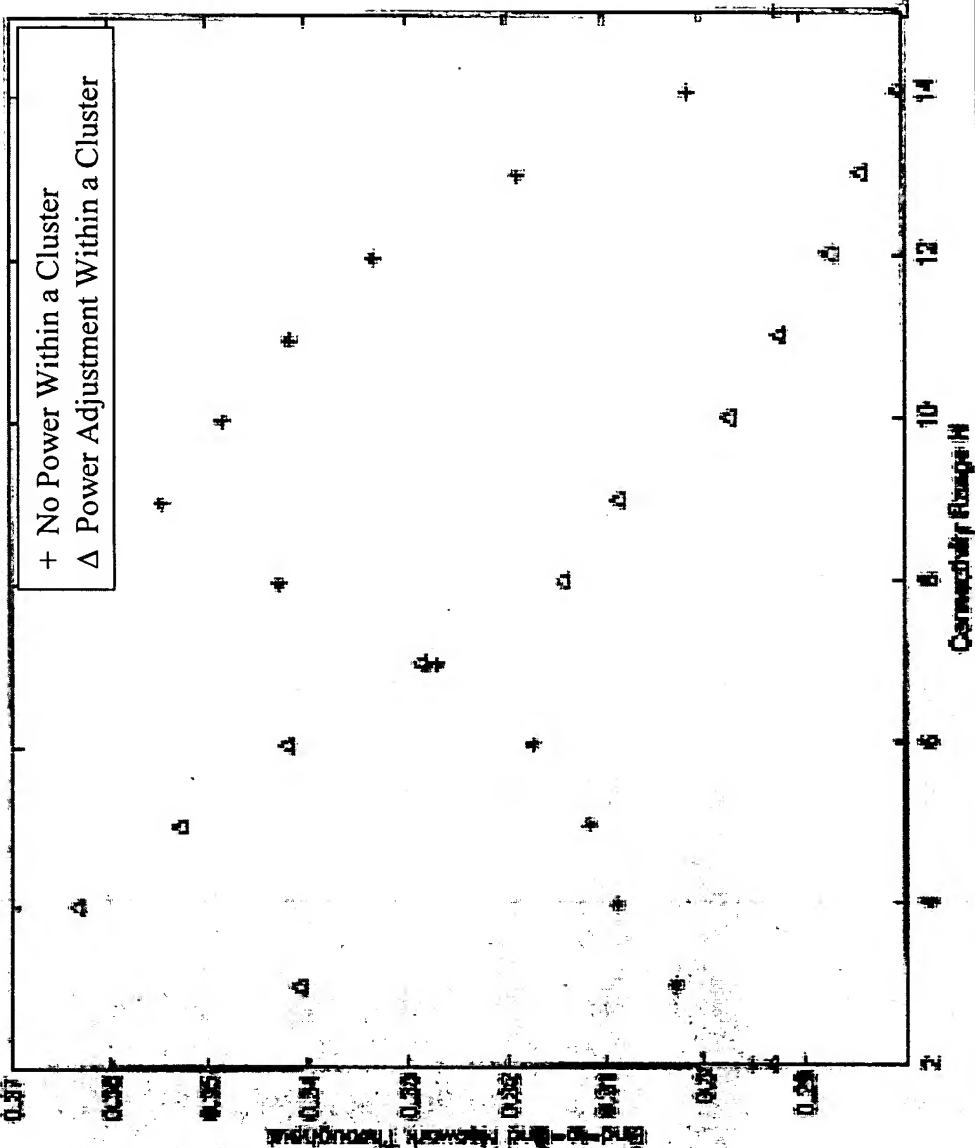
Average Power Consumption (mW) v. Connectivity Range N

FIG 7



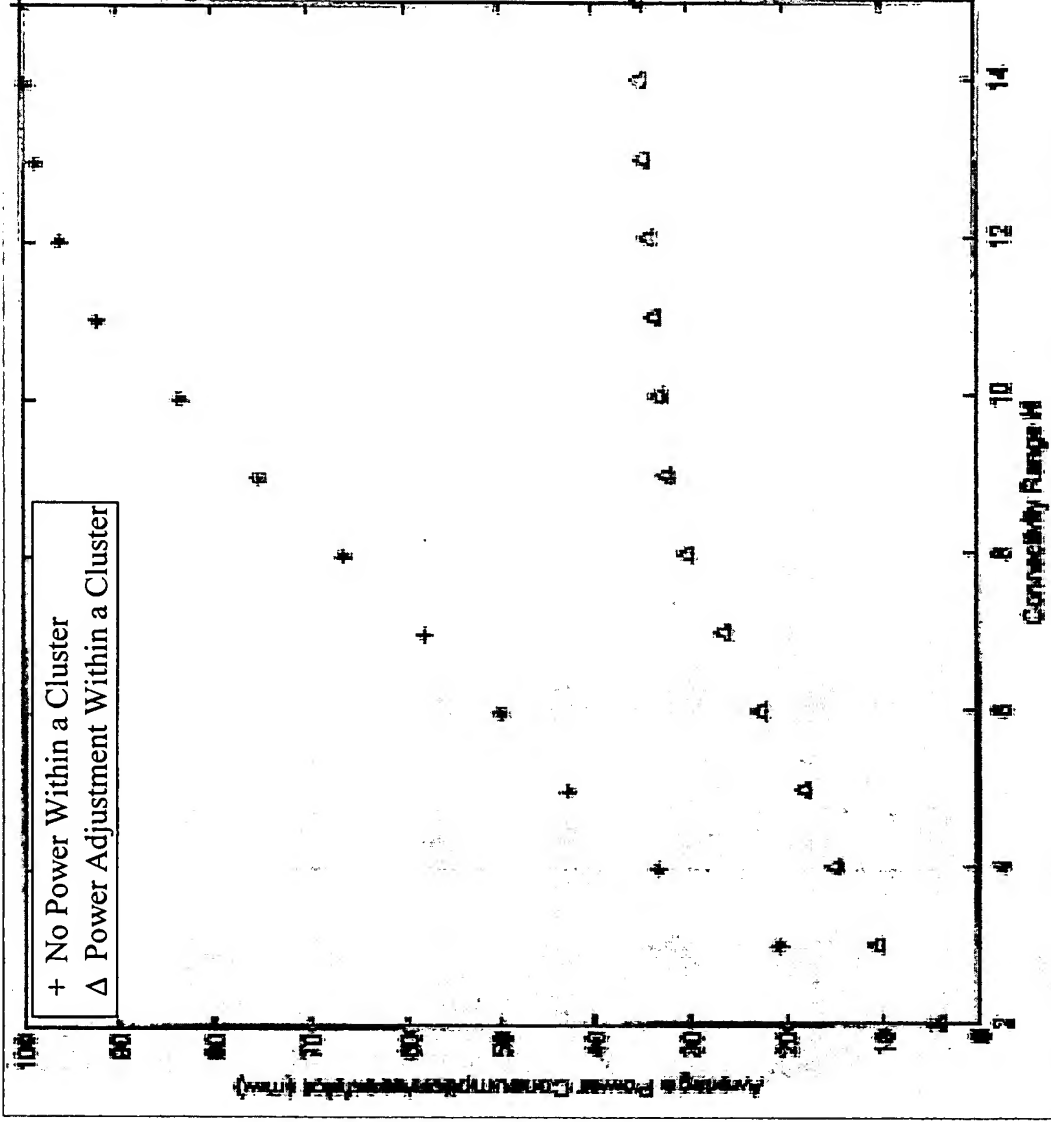
Average Node Throughput v. Connectivity Range

FIG 8



End-to-End Network Throughput v. Connectivity Range N

FIG 9



Average Power Consumption v. Connectivity Range

FIG 10